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No. 45] NEW DELHI, SATURDAY, NOVEMBER 7, 1992 (KARTIKA 16, 1914)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 7th November 1992

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1—317 GI/92

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Calcutta-700 020.

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पेटेंट कार्यालय

एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 7 नवम्बर 1992

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा सम्बर्द्ध, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार ओपन के आधार पर निम्न रूप में इच्छित हैं :—

पेटेंट कार्यालय शाखा, टोली स्टेटे,
सीमरा तल, लोवर परले (पश्चिम),
दम्बई-400013 ।

राज्यार्थ, महाराष्ट्र तथा भाग्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा
दिव एवं दादरा और नागर हवेली ।

नगर पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, सीमरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्र
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

नगर पता—“पेटेंटोफिक”

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
बदाम-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप
मिनिक्का तथा अस्मिनिद्वीप द्वीप ।

नगर पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)
विजयम पैलेस, द्वितीय बहुसलीय कार्यालय,
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भाग्य का अग्रगण्य क्षेत्र

नगर पता—“पेटेंटम”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपे-
क्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए जाएंगे।

नोट :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
ड्राफ्ट आवेदन या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रण को भुगतान योग्य बैंक ड्राफ्ट
अथवा बैंक द्वारा की जा सकती है ।

GOVERNMENT OF INDIA

THE PATENT OFFICE

Calcutta, the 17th November 1992

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-20

The dates shown in the present branch are the dates claim-
ed under section 135, of the patents Act, 1970

The 24th September 1992

687/Cal/92 San-Lin Huang. A method of manufacturing a
corrugated (Or Flat) Board for a Deck of a Truck
or a Container.

688/Cal/92 Catalysts & Chemicals Europe S.A. Reforming
Catalyst.

The 25th September 1992

689/Cal/92 The Indian Association for the Cultivation of
Science. Process for preparing novel Dispersions
of Electrically Conducting Polyanilines.

690/Cal/92 Hoechst Aktiengesellschaft. Water-soluble azo
compounds, preparation thereof and use thereof as
dyes.

691/Cal/92 Hitchi Construction Machinery Co. Ltd., Hydraul-
lic Drive System for Construction Machine.

The 28th September 1992

692/Cal/92 Dr. Brahma Dutt Tripathi, Stack Pollution Con-
troller.

693/Cal/92 Merck Patent Gesellschaft mit beschränkter Haf-
tung. Pigments.

694/Cal/92 Metallgesellschaft Aktiengesellschaft. Process of
Drying water-containing solids in a fluidized bed.

695/Cal/92 Phillips Petroleum Company. Olefin Polymeriza-
tion.

696/Cal/92 E.I. Du Pont De Nemours and Company. Sub-
stantially Constant Boiling Compositions of Difluo-
romethane and Trifluoromethane or Perfluoroethane.

697/Cal/92 E.I. Du Pont De Nemours and Company. Pro-
duction of Glyoxylic acid by oxidizing glycolic
acid in the presence of immobilized glycolate
oxidase and catalase.

698/Cal/92 Kerr-McGee Chemical Corporation Attenuation of
polymer substrate degradation due to ultraviolet
radiation.

699/Cal/92 Wago Verwahrungsgesellschaft m.b. Collective Con-
nector for electrical distribution systems

The 29th September 1992

स्वीकृत सम्पूर्ण विनिर्देश

- 700/Cal/92 Remy Linus of Latonah Mission. A Novel Engine for driving automobiles and other machines.
- 701/Cal/92 Frigoscandia Food Process Systems AB. Air Treatment Plant for Foodstuffs.
- 702/Cal/92 Frigoscandia Food Process Systems AB. Air Treatment Plant for Foodstuffs.
- 703/Cal/92 Frigoscandia Food Process Systems AB. Air Treatment Plant for Foodstuffs.
- 704/Cal/92 Du Pont Canada Inc. Catalyst for Ethylene Polymerization at high Temperatures. (Convention No. 9121033; dated 03-10-1991; United Kingdom).
- 705/Cal/92 Du Pont Canada Inc. Activation of Catalyst in Ethylene polymerization at high temperatures. (Convention No. 9121019; dated 3-10-91; U.K.).
- 706/Cal/92 Du Pont Canada Inc. Control of a solution process for polymerization of ethylene. (Convention No. 9120971; dated 3-10-91; United Kingdom).
- 707/Cal/92 Eaton Corporation. Closed Loop Launch and Creep control for automatic clutch with robust algorithm.
- 708/Cal/92 Eaton Corporation. Closed Loop Launch and Creep control for automatic clutch.
- 709/Cal/92 Indian Jute Industries Research Association. Method of feeding the lead end of sliver at the drawing stages of jute processing for an improved of quality.
- 710/Cal/92 Mitutoyo Corporation. Simple three-dimensional measuring machine.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15 of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

नीचे सूचीगत विनिर्देशों की सीमित संख्यक मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकल्पन किया जा सकता है।

Cl. : 145. D : B : C.

171521

Int. Cl. : D 21 H 1/00; 3/00.

D 21 F 1/00.

MULTI-PLY PAPER FIBRE WEB FORMING APPARATUS & METHOD.

Applicant : BELOIT CORPORATION, OF P.O. BOX 350, BELOIT, WISCONSIN 53511, UNITED STATES OF AMERICA.

Inventors : (1) PAUL THOMAS GRAY. (2) JAMES ARTHUR TURNER.

Application No. 338/Cal/88; filed on April 27, 1988.

(Convention No. 8710428; filed on 01-05-1987; U.K.).

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

20 Claims

Apparatus for forming a multi-ply paper fiber web in conjunction with the fourdrinier wire on a fourdrinier-type paper-making machine, the apparatus comprising :

means for forming a base ply web on the fourdrinier wire;
a top former disposed above the fourdrinier for forming at least a single top web ply, said top former having;

(a) first and second looped forming wires in co-running opposed array for a portion of their travel.

(b) guide means within each of the first and second forming wires to converge them to define a throat, and to diverge them downstream thereof at the end of their co-running path of travel,

(c) a headbox for supplying a stream of stock to the throat to initiate formation of a top web ply between the first and second forming wires,

(d) a curved forming shoe within the second looped forming wire for dewatering the top web ply through its second face surface,

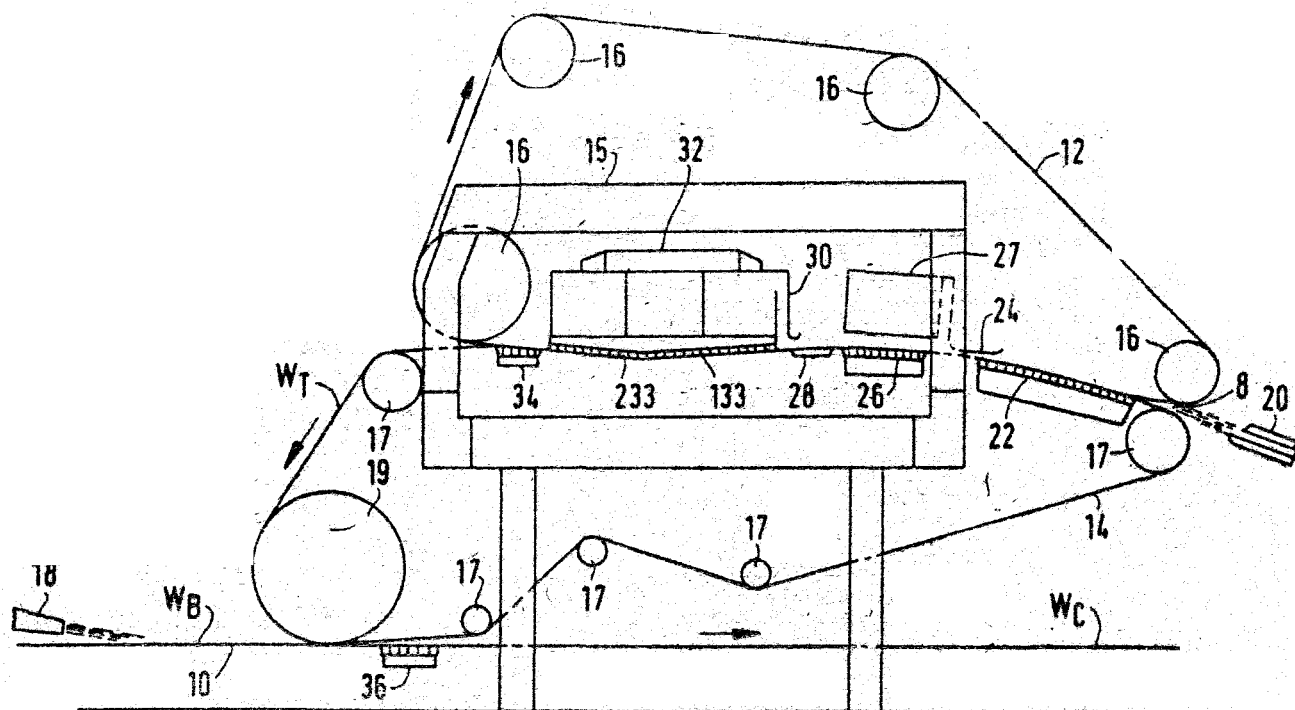
(e) a first auto-slice within the first looped forming wire downstream of the forming shoe,

(f) a first curved dewatering shoe disposed within the second forming wire downstream of the first auto-slice,

(g) a second curved dewatering shoe disposed within the first looped forming wire for dewatering the top web ply through its first face surface.

(h) a web transfer box disposed within the second forming wire near where the wires diverge for urging the web onto the second forming wire;

the second forming wire disposed to bring the first face surface of the top web ply into contact with the base ply on the fourdrinier wire whereby the top and base web plys are bonded together.



Compl. specn. 20 pages.

Drgns. 3 sheets.

Cl. : 101 B F

171522

Int. Cl. : E 02 D 17/00.

HYDRAULIC DRIVE SYSTEM

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD OF 6-2, OHTEMACHI-2 CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : (1) EIKI IZUMI, (2) TOICHI HIRATA, (3) YUSAKU NOZAWA, (4) MASAHIKO SHIMOTORI.

Application No. 539/Cal/1988; filed on June 30, 1988.

Appropriate office for opposition Proceedings. (Rule 4, Patent rule 1972) Patent Office, Calcutta.

18 Claims

A hydraulic drive system comprising; at least one hydraulic pump; at least first and second hydraulic actuators connected to said hydraulic pump through respective main circuits and driven by hydraulic fluid delivered from said hydraulic pump; first and second flow control valve means connected to said respective main circuits between said hydraulic pump and said first and second hydraulic actuators; pump control means

for controlling a delivery pressure of said hydraulic pump; each of said first and second flow control valve means comprising first valve means having an opening degree variable in response to the operated amount of an operation means such as a control lever herein defined and second valve means connected in series with said first valve means for controlling a differential pressure between the inlet pressure and the output pressure of said first valve means and control means associated with each of said first and second flow control valve means for controlling said second valve means based on the input pressure and the output pressure of said first valve means, the delivery pressure of said hydraulic pump, and the maximum load pressure between said first and second hydraulic actuators, wherein;

each of said first and second flow control valve means comprises; a main valve of seat valve type having a valve body for controlling communication between an inlet port and an outlet port both connected to said main circuit, a variable restrictor capable of changing an opening degree thereof in response to displacements of said valve body, and a back pressure chamber communicating with said inlet port through said variable restrictor and producing a control pressure to urge said valve body in the valve-closing direction; and a pilot circuit connected between said back pressure chamber and said outlet port of said main valve.

said first valve means is constituted by a pilot valve connected to said pilot circuit for controlling a pilot flow passing through said pilot circuit, and said second valve means is constituted by auxiliary valve means connected to said pilot circuit for controlling a differential pressure between the inlet pressure and the outlet pressure of said pilot valve; and

said control means controls said auxiliary valve means for each of said first and second flow control valve means such that the differential pressure between the inlet pressure and the outlet pressure of said pilot valve is determined by the following equation with respect to a differential pressure between the delivery pressure of said hydraulic pump and the maximum load pressure of said first and second hydraulic actuators, a differential pressure between said maximum load pressure and the self-load pressure of each said hydraulic actuator, and the self-load pressure,

$$\Delta P_z = a (P_s - PL_{\max}) + (PL_{\max} - PL) + \gamma PL$$

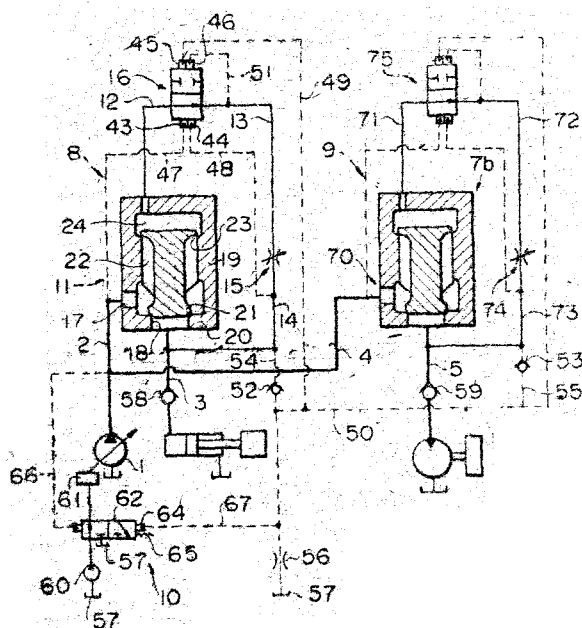
where ΔP_z : differential pressure between the inlet pressure and the outlet pressure of the pilot valve

P_s : delivery pressure of the hydraulic pump

PL_{\max} : maximum load pressure between the first and second hydraulic actuators,

PL : self-load pressure of each of the first and second hydraulic actuators,

α, β, γ : first, second and third constants said first, second and third constants α, β, γ being set to respective predetermined values.



Compl. specn. 105 pages.

Drgs. 20 sheets

Cl. : 50 B

171523

Int. Cl. : F 25 D 31/00.

PROCESS AND EQUIPMENT FOR THE PRODUCTION OF CRUDE GAS.

Applicant : KRUPP KOPPERS GMBH. OF ALTENDORFER STRASSE 120, D-4300 ESSEN 1, WEST GERMANY.

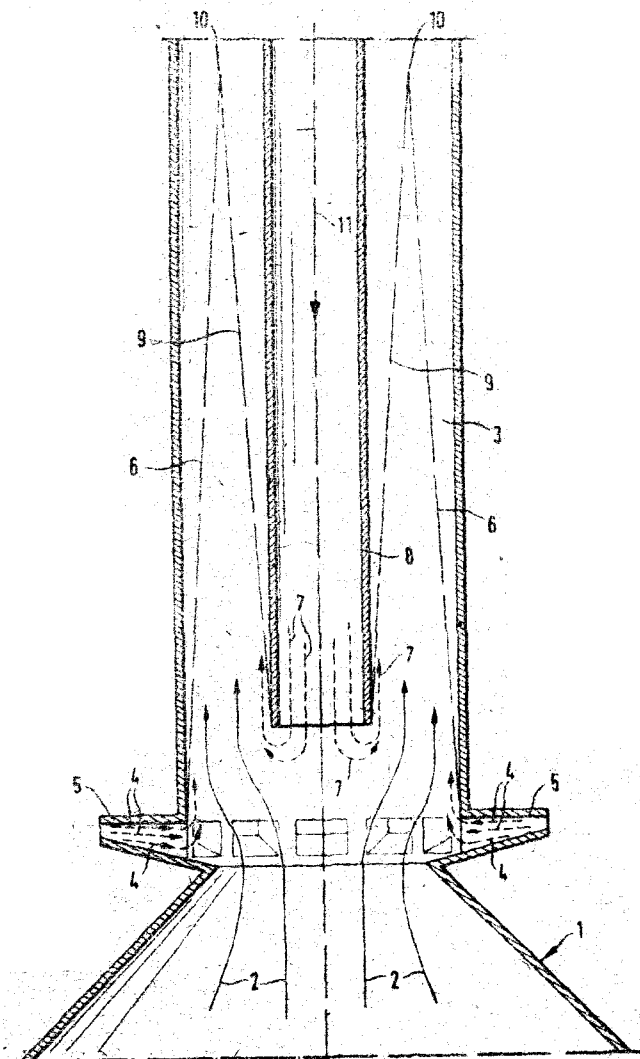
Inventor : DR. ING. HANS-GUNTER RICHARD.

Application No. 1024/Cal/1988; filed on December 14, 1988.

Appropriate office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

8 Claims

Process for the production of cooled crude gas which comprises subjecting to gasification fuel like powdered coal or other carbon carriers, with oxygen in a gasification reactor at a gasification temperature of between 1200 to 1700°C optionally in presence of steam; followed by withdrawing through the outlet of the reactor, a stream of hot crude gas and thereafter subjecting the hot crude gas to cooling by means of process for cooling hot product gas, leaving a gasification reactor, by means of one or more cooling fluids (gaseous, vaporous or liquid) introduced into the gas stream, a part of the cooling fluids from the outside substantially radially or at an inclination to the direction of flow of the crude Gas or in the direction opposite there to, and the other part being introduced into the gas stream within the crude gas duct substantially axially against the direction of flow.



Compl. specn. 9 pages

Drgns. 2 sheets

Cl. : 35 E.

171524

Int. Cl. : C 04 B 35/00.

METHOD FOR PRODUCING A SELF-SUPPORTING BODY.

Applicant : LANXIDE TECHNOLOGY COMPANY, LP OF TRALEE INDUSTRIAL PARK NEWARK, DELAWARE 19711, U.S.A.

Inventors : (1) TERRY DENNIS CLAAR, (2) STEVEN MICHAEL MASON, (3) KEVIN PETER POCHOPHEN.

Application No. 1054/Cal/88; filed on December 21, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

12 Claims

A method for producing a self-supporting body, comprising :
selecting a parent metal such as herein described.

heating said parent metal in a substantially inert atmosphere to a temperature above its melting point to form a body of molten parent metal;

contacting said body of molten parent metal with a permeable mass comprising boron carbide and a carbon donor material such as herein described;

maintaining said temperature for a time sufficient to permit infiltration of molten parent metal into said permeable mass and to permit reaction of said molten parent metal with said boron carbide to form at least one boron-containing compound; and

continuing said infiltration and reaction for a time sufficient to produce said self-supporting body comprising at least one parent metal boron-containing compound.

Compl. Specn. 32 pages.

Drgns. 3 sheets.

Cl. 141 A

171525

Int. Cl. : C 22 B 1/24.

PROCESS FOR UTILIZING OF ZINC-CONTAINING METALLURGICAL DUSTS AND SLUDGES.

Applicant : VOEST-ALPINE STAHL DONAWITZ GESELLSCHAFT M.B.H. OF 8700 LEOBEN-DONAWITZ, PESTALOZZISTRASSE 128, AUSTRIA.

Inventors : (1) WALTER LUGSCHEIDER. (2) LUZIAN POCHMARSKI.

Applicant No. 220/Cal/1989; filed on March 17, 1989.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

11 Claims

A process for utilizing a zinc-containing by-product comprising at least one of zinc-containing metallurgical dust and zinc-containing metallurgical sludge derived from a steel-making process and containing at least 30 per cent total metallic constituents by weight, essentially including iron and zinc, said process comprising;

(a) providing a converter adapted to accept a charge of metallic material, apply heat such as to melt at least some of said charge by combustion of a fuel, and thereby produce as an output molten metal, slag and a metallurgical dust, in a melting process;

(b) charging said converter with an iron-containing metallized charge;

(c) accenting a supply of said zinc-containing by-product;

(d) analyzing the accepted zinc-containing by-product for carbon content and, if said carbon content lies outside the range of 20 to 25 per cent by weight, adjusting said carbon content to lie within said range;

(e) agglomerating said zinc-containing by-product into agglomerates which are constituted by at least one of briquettes and pellets;

(f) further charging said converter with said agglomerates in an amount of 2 to 8 per cent by weight of said iron containing metallized charge; and

(g) conducting said melting process in said converter and thereby obtaining in said metallurgical dust from said converter a constant rich in metallic zinc.

Compl. Specn. 12 Pages. Drgns. Nil.

Cl. : 157 D₃

171426

Int. Cl. : E 01 B, 27/00.

"A TRAVELLING ON TRACK MACHINE FOR CLEANING PERMANENT WAY, MORE ESPECIALLY THE BALLAST SURFACE OF A BALLAST BED SITUATED BENEATH A TRACK PANEL FORMED BY SLEEPERS AND RAILS"

Applicant : FRANZ PLASSER BAHNBAUMASCHINEN INDUSTRIEGESELLSCHAFT M.B.H. of A-1010 wien Johannesgasse 3, Austria.

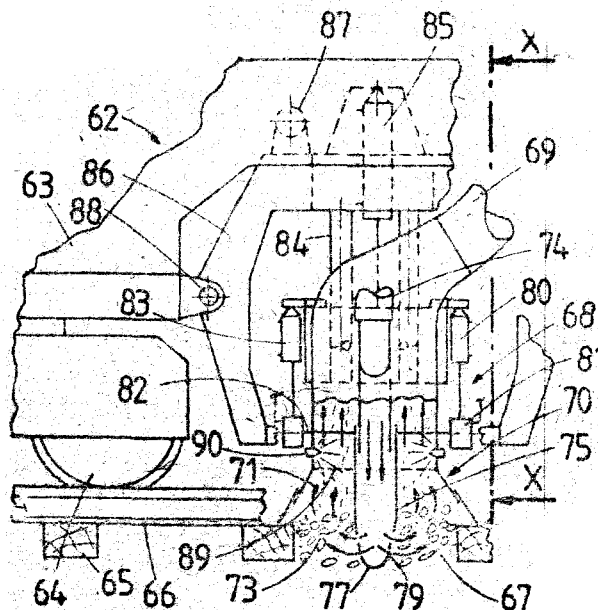
Inventors : (1) ING. JOSEF THEURER, (2) FRIEDRICH OELLERER.

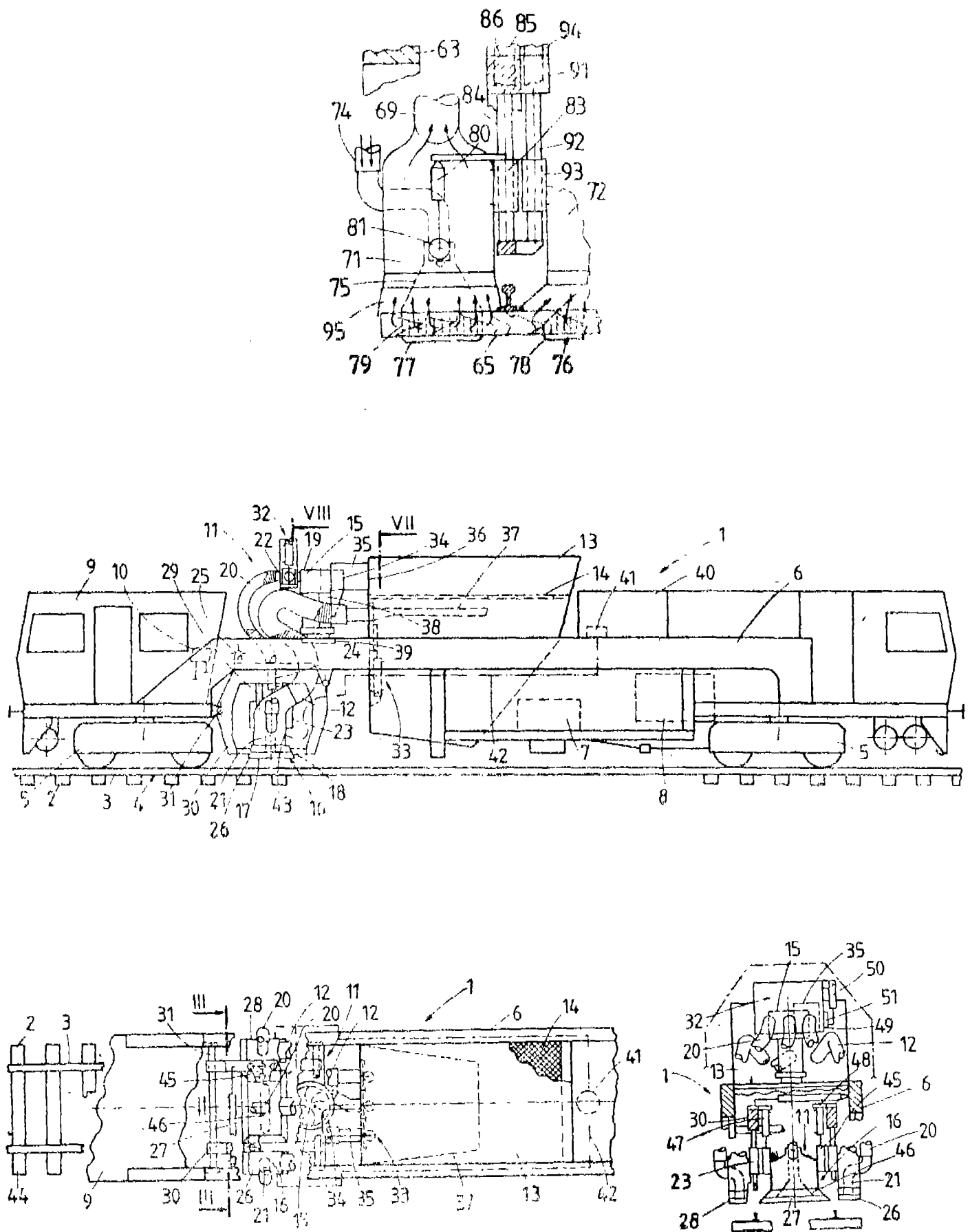
Application No. 304/Cal/1989; filed on April 20, 1989.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rule 1972) Patent Office, Calcutta.

11 Claims

A travelling on track machine for cleaning permanent way, more especially the ballast surface of a ballast bed situated beneath a track panel formed by sleepers and rails, comprising a machine frame designed to travel on on-track undercarriages and a suction unit consisting of a suction head arrangement which is connected through a suction hose to a collecting container with filter and to a fan and with which at least one pressure nozzle connected to an air compressor by a pressure hose is associated to form a substantially closed loop pressure suction system, characterized in that the pressure nozzle (21, 46; 75, 76) connected to the pressure hose (20; 74) is arranged inside the suction mouth opening (17, 73) of the suction head arrangement (16; 70).





Cl. : 101 E.

171527

2 Claims

Int. Cl. : G 01 F 1/00.

"APPARATUS FOR METERING FLUID".

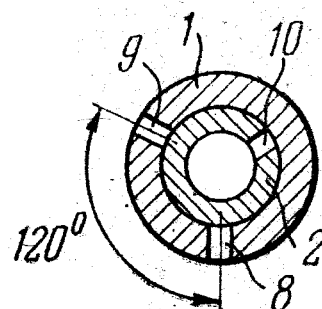
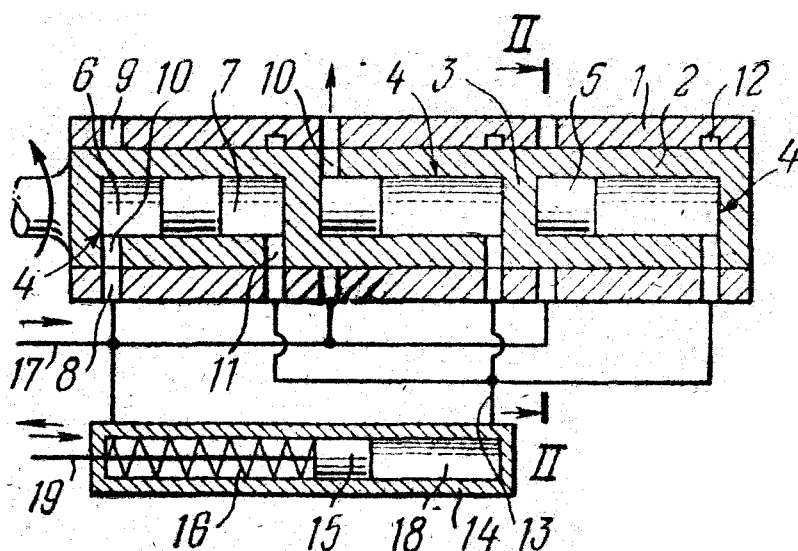
Applicant : TSELEVOI NAUCHNO-TEKHNICHESKY KOOPERATIV "STIMER" USSR. of Kharkov, Ulitsa Sovnarkomovskaya, 13a; Union of Soviet Socialist Republic.

Inventor : LEONID PETROVICH PROGLYADA.

Application No. 610/Cal/1989; filed on July 27, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

An apparatus for metering fluid comprising a casing having ports communicating with a fluid supply line and with passages for metered fluid discharge, a rotor having a closed interior space accommodated in said casing, said interior space being divided by partitions into measuring chambers, each having a free piston dividing this chamber into a metering space and a control space located on either side of the piston, each chamber having a port regularly communicating with the ports of the casing communicating with the metered fluid supply line and with the ports of the casing for discharging the metered fluid, a batch controller having a variable-capacity interior space communicating with all control spaces which are connected in parallel with one another.



Compl. Specn. 13 Pages. Drgns. 1 Sheet.

Cl. : 190 B.

171528.

8 Claims

Int. Cl. : F 01 D 5/00.

"ADJUSTMENT DEVICE FOR THE RUNNER BLADES OF KAPLAN TURBINES".

Applicant : J. M. VOITH GMBH. of D-7920 Heidenheim Sankt Poltner Strabe 48 Postfach 1940, Federal Republic of Germany.

Inventor : WUST, MICHAEL.

Application No. 626/Cal/89; filed on August 02, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

An adjustment device (18) for the runner blades (12) of Kaplan turbines (10), having the following features :

(a) between the turbine runner (11) and a generator (22), a bevel gearing (21) which is connected to the turbine shaft (13) is located within a housing (23).

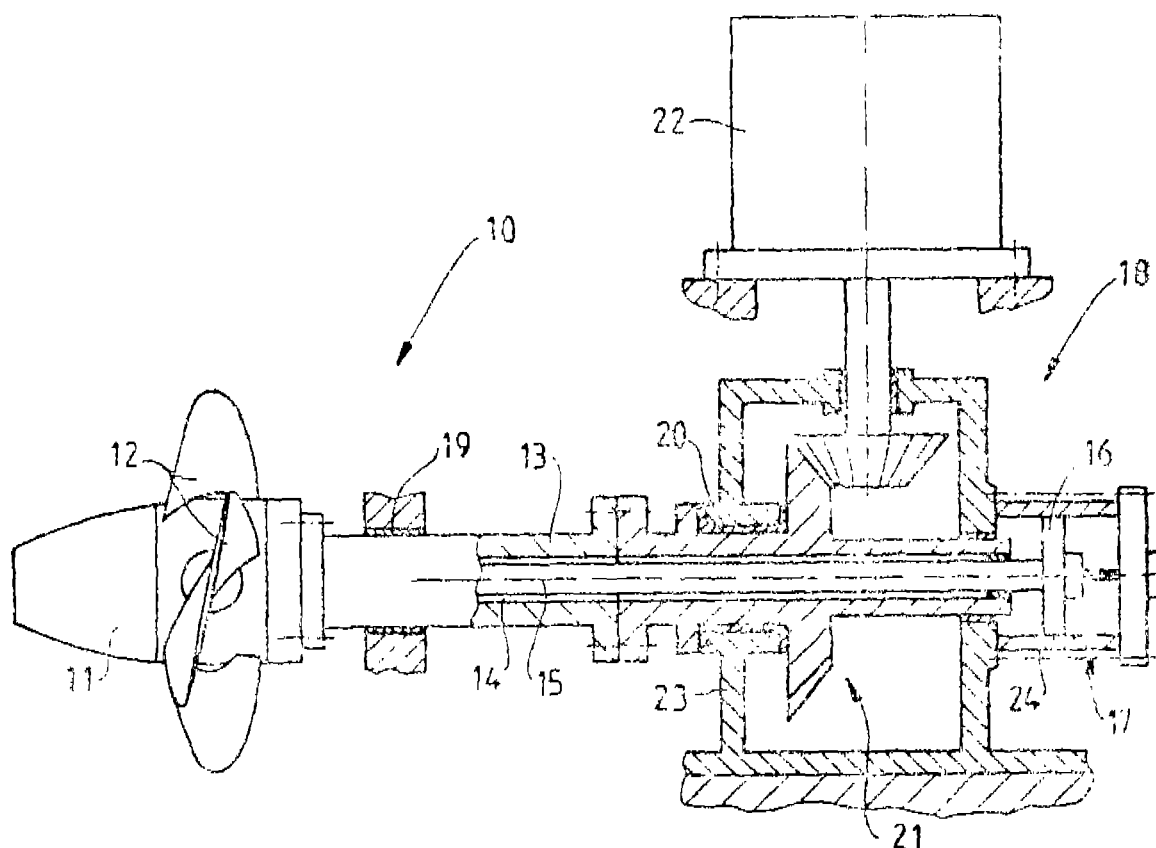
(b) a hydraulic servomotor (17) for the adjustment of the blades is arranged on the side of the gear housing (23) facing away from the runner (11).

(c) the cylinder (24) of the servomotor (17) is fastened on the gear housing (23) while the piston (16) is connected to a push rod (15) for the blade adjustment which passes

coaxially through the turbine shaft (13) and rotates with the speed of rotation of the runner,

Characterised by the following further feature :

(d) the piston (16) of the servomotor (17) is rotatably secured to the push rod (15).



Compl. Specn. 10 Pages. Drgns. 1 Sheet.

Cl. : 157 C.

171529

6 Claims

Int. Cl. : E 01 B, 27/00.

"A TRACK MAINTENANCE MACHINE WITH A TRACK STABILIZER".

Applicant : FRANZ PLASSER BAHNBAUMASCHINEN INDUSTRIESESSELLSCHAFT M.B.H. of A-1010 Wien, Johnnesgasse 3, Austria.

Inventor : Ing. JOSEF THEURER.

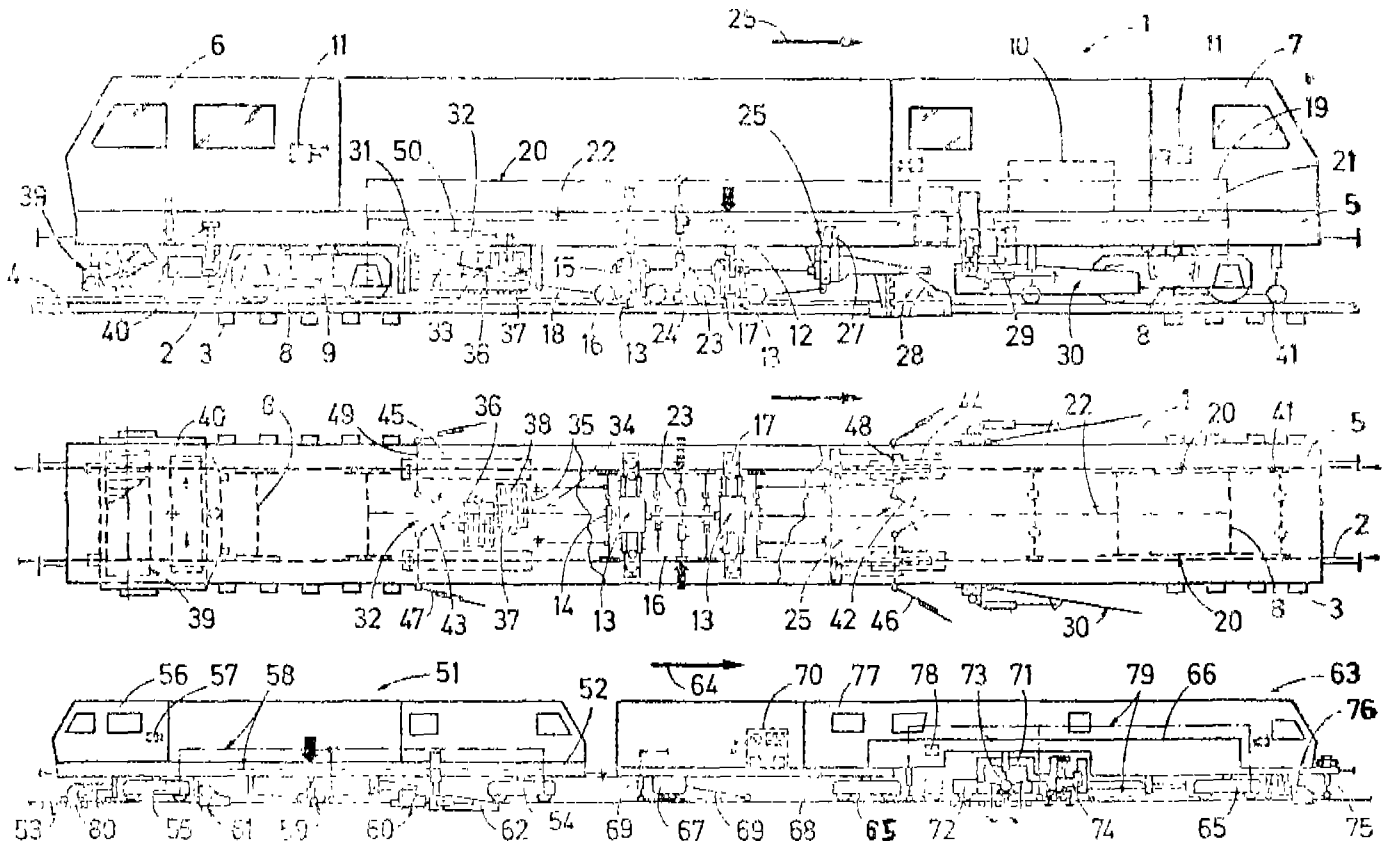
Application No. 754/Cal/1989, filed on September 14, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

A continuously advancing track maintenance machine for consolidating the ballast bed of a railway track comprising an axle drive and a machine frame which is supported by two undercarriages arranged at a distance from one another and which comprises at least one track stabilizer arranged between the two undercarriages and designed for actuation and vertical adjustment by drives with roller tools designed for application to the insides of the rails by spreading drives and for vibration by vibrators, and further comprising a levelling and, optionally, lining reference system for monitoring the difference or lowering value and, optionally, the lining between the set and actual position of the track, characterized in that a planning and ballast plough arrangement (25, 32; 60, 61) mounted on the machine frame (5; 52) for vertical displacement and for lowering onto the track

under the power of drives (27, 31) and extending at least from one sleeper end zone to the opposite sleeper end zone

is associated with, and precedes, at least one track stabilizer (13; 59) between the two undercarriages (8; 4).



Compl. Specn. 20 Pages. Drgns. 1 Sheet.

Cl. : 32 CE; 55 E 4.

171530

Int. Cl. : C 07 G 3/00; A 61 K 27/00.

"PROCESS FOR THE PREPARATION OF A MIXTURE OF GANGLIOSIDES".

Applicant : FIDIA S.P.A. of Via Ponte della Fabbrica 3/A 35031 Abano Terme Italy.

Inventors : (1) FRANCESCO DELLA VALLE, (2) LANFRANCO CALLEGARO, (3) SILVANA LORENZI.

Application No. 952/Cal/1990; filed on November 13, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

12 Claims

A process for the preparation of a mixture of gangliosides such as herein described which comprises :

(a) subjecting ganglioside-containing tissue to lipid elimination with acetone to produce an acetone precipitate.

(b) suspending said acetone precipitate in a first solvent mixture of methylene chloride, methanol and sodium hydroxide capable of partitioning hydrophobic substances from hydrophilic substances;

(c) filtrating said partitioning mixture to obtain a first liquid phase;

(d) subjecting said first liquid phase to precipitation using acetone and an alkaline earth metal salt such as calcium chloride to obtain a first raw material;

(e) solubilizing said first raw material in an aqueous organic solvent and subjecting the solubilized first raw material to heating at a pH of about 12;

(f) subjecting said heated solubilized first raw material to a second partitioning in a second solvent mixture or aqueous organic solution capable of partitioning hydrophobic substances from hydrophilic substances;

(g) separating said second partitioning mixture to remove an organic phase and retain an aqueous phase;

(h) subjecting said aqueous phase to precipitation to produce a second raw material using acetone and an alkali salt such as sodium chloride;

(i) solubilizing said second raw material which is subjected to cooling to produce a third raw material.

(j) solubilizing said third raw material in a base;

(k) neutralizing said solubilized third raw material; and

(l) subjecting said neutralized solubilized third raw material to dialysis through a membrane with a molecular weight cut off of about 10kd to produce a ganglioside mixture.

Compl. Specn. 45 Pages. Drgns. 7 Sheets.

PATENTS SEALED		Numbers	Date					
ON 09-10-1992		161629						
		161644						
169196* 169311 169313 169320 169404 169413 169416		161649						
169417 169422 169425		161193						
Cal-Nil, Del-Nil, Mas-08 & Bom-02		161207						
		161209						
*Patent shall be deemed to be endorsed with the words		161616						
"LICENCE OF RIGHT" Under Section 87 of the Patents		161263						
Act, 1970 from the date of expiration of three years from		161535						
the date of sealing.		161291						
		161372						
AMENDMENT PROCEEDING UNDER SECTION 57		161376						
Notice is hereby given that SCHUBERT & SALZER		161391						
MASCHINENFABRIK AKTIENGESSELLSCHAFT, A		161509						
GERMAN COMPANY, OF FRIEDRICH-EBERT STRASSE		161542						
84, 8070 INGOLSTADT, GERMANY, have made an appli-		161543						
cation under Section 57 of the Patents Act, 1970, for amend-		161611						
ment of application and specification of their application		161689						
for Patent No. 166492 for A METHOD AND AN APPA-		161690						
RATUS FOR THREAD JOINING IN AN OPEN END		160698						
SPINNING APPARATUS. The amendments are by way of		160793						
correction. The application for amendments and the pro-		160827						
posed amendments can be inspected free of charges at the		160840						
Patent Office Branch, 61, Wallajah Road, Madras-600 002,		160994						
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		161082						
The amendments proposed by LUCKY BIOTECH COR-		160879						
PORATION of 4560 Horton Street, Emeryville, California		160910						
94608, United States of America in respect of Patent appli-		160955						
cation No. 168525 as advertised in Part III, Sec. 2 of the		161007						
Gazette of India dated the 16th May, 1992 have been		161047						
allowed.		161050						
		161061						
Notice is hereby given that AMPEX CORPORATION, of		161179						
401 Broadway, M.S. 3-35, Redwood City, California 94063-		161100						
3199, U.S.A., a U.S. COMPANY, have made an application		161103						
under Section 57 of the Patents Act, 1970, for amendment		161104						
of application and specification of their application for Patent		161109						
No. 368/Mas/87 (169906) for MAGNETIC RECORD		161151						
MEDIUM.		160744						
		160849						
The amendments are by way of correction. The applica-		161001						
tion for amendments and the proceed amendments can be		161078						
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ENDORSEMENT OF PATENTS WITH THE WORDS								
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PATENTS ACT—1970								
Numbers	Date	RENEWAL FEES PAID						
161386	2-1-92	149621	149716	150473	151149	151372	151468	152315
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CESSATION OF PATENTS

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158692	158693	158695	158702	158709	158710	158711
158712	158715	158716	158717	158718	158722	158726

REGISTRATION OF DESIGNS

The following designs have been registered. The are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. Nos. 164277 to 164280. Sony Corporation of 6-7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan. "Shutter for an optical disc cartridge". April 20, 1992.

Class 3. No. 164270. ABM Hi-Tech Products, registered partnership firm of 3, Maydi Plot, Rajkot-360004, Gujarat, India. "Trigger Housing". April 20, 1992.

Class 3. No. 164694. Plastic Dies Company of Krishna Bhavan, 22-B, Govandi Station Road, Deonar, Bombay-400088, Maharashtra, India. "Base for mixer cum grinder cum food processor". August 26, 1992.

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Nos. 159364 and 159437

Class 3.

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